

PAGE: 1

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/368,630DATE: 12/27/1999  
TIME: 12:02:15

Input Set: I368630.RAW

This Raw Listing contains the General Information  
Section and up to first 5 pages.

Does Not Comply  
Corrected Diskette Needed

1 <110> APPLICANT: Center, David M.  
2 Cruickshank, William W.  
3 Kornfeld, Hardy  
4 <120> TITLE OF INVENTION: IL-16 ANTAGONISTS  
5 <130> FILE REFERENCE: 12875  
6 <140> CURRENT APPLICATION NUMBER: US/09/368,630  
7 <141> CURRENT FILING DATE: 1999-08-05  
8 <160> NUMBER OF SEQ ID NOS: 48  
9 <170> SOFTWARE: PatentIn Ver. 2.1  
10 <210> SEQ ID NO 1  
11 <211> LENGTH: 4  
12 <212> TYPE: PRT  
13 <213> ORGANISM: Artificial Sequence  
14 <220> FEATURE:  
15 <223> OTHER INFORMATION: Description of Artificial Sequence:Peptide  
16 <220> FEATURE:  
17 <221> NAME/KEY: UNSURE  
18 <222> LOCATION: (1) ~~2~~ Arg is at location 2  
19 <223> OTHER INFORMATION: Xaa can be any amino acid  
20 <220> FEATURE:  
21 <221> NAME/KEY: UNSURE  
22 <222> LOCATION: (3)  
23 <223> OTHER INFORMATION: Xaa is Arg or Lys  
24 <400> SEQUENCE: 1  
25 Xaa Arg Xaa Xaa what about Xaa at location 4?  
26 1  
27 <210> SEQ ID NO 2  
28 <211> LENGTH: 4  
29 <212> TYPE: PRT  
30 <213> ORGANISM: Artificial Sequence  
31 <220> FEATURE:  
32 <223> OTHER INFORMATION: Description of Artificial Sequence:Peptide  
33 <400> SEQUENCE: 2  
34 Arg Arg Lys Ser  
35 1  
36 <210> SEQ ID NO 3  
37 <211> LENGTH: 4  
38 <212> TYPE: PRT  
39 <213> ORGANISM: Artificial Sequence  
40 <220> FEATURE:  
41 <223> OTHER INFORMATION: Description of Artificial Sequence:Peptide  
42 <400> SEQUENCE: 3  
43 Arg Arg Thr Ser  
44 1

W--&gt;

PAGE: 2

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/368,630DATE: 12/27/1999  
TIME: 12:02:15

Input Set: I368630.RAW

45 <210> SEQ ID NO 4  
46 <211> LENGTH: 4  
47 <212> TYPE: PRT  
48 <213> ORGANISM: Artificial Sequence  
49 <220> FEATURE:  
50 <223> OTHER INFORMATION: Description of Artificial Sequence:Peptide  
51 <400> SEQUENCE: 4  
52 Lys Arg Lys Ser  
53 1  
54 <210> SEQ ID NO 5  
55 <211> LENGTH: 4  
56 <212> TYPE: PRT  
57 <213> ORGANISM: Artificial Sequence  
58 <220> FEATURE:  
59 <223> OTHER INFORMATION: Description of Artificial Sequence:Peptide  
60 <400> SEQUENCE: 5  
61 Arg Arg Ala Ser  
62 1  
63 <210> SEQ ID NO 6  
64 <211> LENGTH: 4  
65 <212> TYPE: PRT  
66 <213> ORGANISM: Artificial Sequence  
67 <220> FEATURE:  
68 <223> OTHER INFORMATION: Description of Artificial Sequence:Peptide  
69 <400> SEQUENCE: 6  
70 Arg Arg Lys Ala  
71 1  
72 <210> SEQ ID NO 7  
73 <211> LENGTH: 4  
74 <212> TYPE: PRT  
75 <213> ORGANISM: Artificial Sequence  
76 <220> FEATURE:  
77 <223> OTHER INFORMATION: Description of Artificial Sequence:Peptide  
78 <400> SEQUENCE: 7  
79 Arg Arg Thr Ala  
80 1  
81 <210> SEQ ID NO 8  
82 <211> LENGTH: 4  
83 <212> TYPE: PRT  
84 <213> ORGANISM: Artificial Sequence  
85 <220> FEATURE:  
86 <223> OTHER INFORMATION: Description of Artificial Sequence:Peptide  
87 <220> FEATURE:  
88 <221> NAME/KEY: UNSURE  
89 <222> LOCATION: (1)..(2)  
90 <223> OTHER INFORMATION: Xaa can be any amino acid  
91 <220> FEATURE:  
92 <221> NAME/KEY: UNSURE  
93 <222> LOCATION: (3)  
94 <223> OTHER INFORMATION: Xaa is Arg or Lys

PAGE: 3

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/368,630DATE: 12/27/1999  
TIME: 12:02:15

Input Set: I368630.RAW

W--> 95 <400> SEQUENCE: 8  
96 Xaa Xaa Xaa Arg  
97 1  
98 <210> SEQ ID NO 9  
99 <211> LENGTH: 4  
100 <212> TYPE: PRT  
101 <213> ORGANISM: Artificial Sequence  
102 <220> FEATURE:  
103 <223> OTHER INFORMATION: Description of Artificial Sequence:Peptide  
104 <400> SEQUENCE: 9  
105 Val Ile Arg Arg  
106 1  
107 <210> SEQ ID NO 10  
108 <211> LENGTH: 4  
109 <212> TYPE: PRT  
110 <213> ORGANISM: Artificial Sequence  
111 <220> FEATURE:  
112 <223> OTHER INFORMATION: Description of Artificial Sequence:Peptide  
113 <400> SEQUENCE: 10  
114 Val Leu Arg Arg  
115 1  
116 <210> SEQ ID NO 11  
117 <211> LENGTH: 4  
118 <212> TYPE: PRT  
119 <213> ORGANISM: Artificial Sequence  
120 <220> FEATURE:  
121 <223> OTHER INFORMATION: Description of Artificial Sequence:Peptide  
122 <400> SEQUENCE: 11  
123 Val Ile Lys Arg  
124 1  
125 <210> SEQ ID NO 12  
126 <211> LENGTH: 4  
127 <212> TYPE: PRT  
128 <213> ORGANISM: Artificial Sequence  
129 <220> FEATURE:  
130 <223> OTHER INFORMATION: Description of Artificial Sequence:Peptide  
131 <220> FEATURE:  
132 <221> NAME/KEY: UNSURE  
133 <222> LOCATION: (1)  
134 <223> OTHER INFORMATION: Xaa can be any amino acid  
135 <220> FEATURE:  
136 <221> NAME/KEY: UNSURE  
137 <222> LOCATION: (2)  
138 <223> OTHER INFORMATION: Xaa is Arg or Lys  
139 <220> FEATURE:  
140 <221> NAME/KEY: UNSURE  
141 <222> LOCATION: (4)  
142 <223> OTHER INFORMATION: Xaa can be any amino acid  
W--OK 143 <400> SEQUENCE: 12  
144 Xaa Xaa Arg Xaa

PAGE: 4

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/368,630DATE: 12/27/1999  
TIME: 12:02:15

Input Set: I368630.RAW

```
145           1
146 <210> SEQ ID NO 13
147 <211> LENGTH: 4
148 <212> TYPE: PRT
149 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
151 <223> OTHER INFORMATION: Description of Artificial Sequence:Peptide
152 <400> SEQUENCE: 13
153     Ile Arg Arg Lys
154           1
155 <210> SEQ ID NO 14
156 <211> LENGTH: 4
157 <212> TYPE: PRT
158 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Description of Artificial Sequence:Peptide
161 <400> SEQUENCE: 14
162     Ile Arg Arg Thr
163           1
164 <210> SEQ ID NO 15
165 <211> LENGTH: 4
166 <212> TYPE: PRT
167 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: Description of Artificial Sequence:Peptide
170 <400> SEQUENCE: 15
171     Leu Arg Arg Lys
172           1
173 <210> SEQ ID NO 16
174 <211> LENGTH: 4
175 <212> TYPE: PRT
176 <213> ORGANISM: Artificial Sequence
177 <220> FEATURE:
178 <223> OTHER INFORMATION: Description of Artificial Sequence:Peptide
179 <400> SEQUENCE: 16
180     Ile Lys Arg Lys
181           1
182 <210> SEQ ID NO 17
183 <211> LENGTH: 6
184 <212> TYPE: PRT
185 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Description of Artificial Sequence:Peptide
188 <400> SEQUENCE: 17
189     Arg Arg Lys Ser Leu Gln
190           1           5
191 <210> SEQ ID NO 18
192 <211> LENGTH: 6
193 <212> TYPE: PRT
194 <213> ORGANISM: Artificial Sequence
```

PAGE: 5

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/368,630DATE: 12/27/1999  
TIME: 12:02:15

Input Set: I368630.RAW

195 <220> FEATURE:  
196 <223> OTHER INFORMATION: Description of Artificial Sequence:Peptide  
197 <400> SEQUENCE: 18  
198 Arg Arg Thr Ser Leu Gln  
199 1 5  
200 <210> SEQ ID NO 19  
201 <211> LENGTH: 6  
202 <212> TYPE: PRT  
203 <213> ORGANISM: Artificial Sequence  
204 <220> FEATURE:  
205 <223> OTHER INFORMATION: Description of Artificial Sequence:Peptide  
206 <400> SEQUENCE: 19  
207 Arg Arg Lys Ser Cys Met  
208 1 5  
209 <210> SEQ ID NO 20  
210 <211> LENGTH: 6  
211 <212> TYPE: PRT  
212 <213> ORGANISM: Artificial Sequence  
213 <220> FEATURE:  
214 <223> OTHER INFORMATION: Description of Artificial Sequence:Peptide  
215 <400> SEQUENCE: 20  
216 Lys Arg Lys Ser Met Gln  
217 1 5  
218 <210> SEQ ID NO 21  
219 <211> LENGTH: 6  
220 <212> TYPE: PRT  
221 <213> ORGANISM: Artificial Sequence  
222 <220> FEATURE:  
223 <223> OTHER INFORMATION: Description of Artificial Sequence:Peptide  
224 <400> SEQUENCE: 21  
225 Arg Arg Ala Ser Leu Gln  
226 1 5  
227 <210> SEQ ID NO 22  
228 <211> LENGTH: 6  
229 <212> TYPE: PRT  
230 <213> ORGANISM: Artificial Sequence  
231 <220> FEATURE:  
232 <223> OTHER INFORMATION: Description of Artificial Sequence:Peptide  
233 <400> SEQUENCE: 22  
234 Arg Arg Lys Ala Leu Gln  
235 1 5  
236 <210> SEQ ID NO 23  
237 <211> LENGTH: 6  
238 <212> TYPE: PRT  
239 <213> ORGANISM: Artificial Sequence  
240 <220> FEATURE:  
241 <223> OTHER INFORMATION: Description of Artificial Sequence:Peptide  
242 <400> SEQUENCE: 23  
243 Arg Arg Thr Ala Leu Gln  
244 1 5

VERIFICATION SUMMARY  
PATENT APPLICATION US/09/368,630

DATE: 12/27/1999  
TIME: 12:02:15

Input Set: I368630.RAW

Line ? Error/Warning

Original Text

25 W "N" or "Xaa" used: Feature required  
96 W "N" or "Xaa" used: Feature required  
144 W "N" or "Xaa" used: Feature required

Xaa Arg Xaa Xaa  
Xaa Xaa Xaa Arg  
Xaa Xaa Arg Xaa